

DRAINAGE



CITY OF
CHULA VISTA

CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR118	NEW CIP NO	26591180	INITIALLY SCHEDULED:	7/1/1993
TITLE:	Telegraph Canyon Channel Improvements, Sierra Way to "K" Street			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Kirk Ammerman

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$419,386	\$419,386		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$218,000	\$218,000		\$0	\$0	\$0	\$0	\$0
3. Design	\$605,000	\$605,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$2,676,640	\$2,676,640		\$0	\$0	\$0	\$0	\$0
TOTALS	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
DIFTCYNDRAIN	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$3,919,026	\$3,919,026		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: 1) The construction project involved Phase I improvements to reduce flooding and erosion between "K" Street and Sierra Way of the overall Telegraph Canyon Channel project, which extends from Hilltop Park to Fourth Avenue. The construction and utility relocation of this project is complete (total cost: \$2,676,640).

2) Resolution No. 2000-329, dated September 26, 2000, awarded the contract for the Telegraph Canyon Creek Mitigation Plan in the Otay River to Shiva Construction, Inc. and appropriated funds in the amount of \$215,000. The mitigation work is complete. There is a one-year maintenance period. After Shiva's one-year maintenance period, a contract will be bid for a four-year maintenance period at an estimated cost of approximately \$48,000.

3) Resolution No. 2000-419, dated November 14, 2000, awarded the contract for the biological mitigation monitoring services for the Telegraph Canyon Creek Improvements Off-site Mitigation to Merkel and Associates, Inc. appropriating funds in the amount of \$39,513.00. This is a five-year monitoring contract. An additional off-site mitigation bank purchase will also be required (approximately \$200,000).

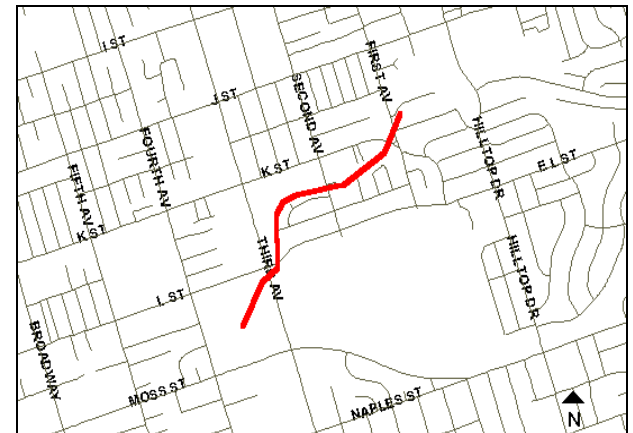
JUSTIFICATION: The Wetland Mitigation plan requires a minimum five-year plant establishment/maintenance period and biological mitigation monitoring period. Mitigation work is on City-owned property in the Otay River Valley, per the Corps of Engineers' permit.

SCHEDULING: The monitoring phase commenced in late FY 00/01 and is scheduled to be completed in FY 05/06.

STATUS: The construction of this project is complete. The project is currently in the five-year biological mitigation monitoring, plant establishment, and maintenance phase. \$3,654,402.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: Maintenance costs.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR120	NEW CIP NO	26591200	INITIALLY SCHEDULED:	7/1/1994
TITLE:	Drainage Basin Construction - e/o Second Ave.			DEPARTMENT:	Engineering / Traffic
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$20,000	\$20,000		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$22,000	\$22,000		\$0	\$0	\$0	\$0	\$0
3. Design	\$47,000	\$47,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$459,526	\$339,526		\$120,000	\$0	\$0	\$0	\$0
TOTALS	\$548,526	\$428,526		\$120,000	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
RCT	\$120,000	\$0		\$120,000	\$0	\$0	\$0	\$0
STORM DRAIN FUND	\$428,526	\$428,526		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$548,526	\$428,526		\$120,000	\$0	\$0	\$0	\$0

DESCRIPTION: Construction of a concrete trapezoidal channel and double 60" reinforced concrete pipe storm drain east and west of Second Avenue. Right-of-way is required to construct the proposed drainage facility. The adjacent properties will benefit from the project's implementation. Construction will not occur unless all property owners between "H" Street and Second Avenue dedicate easements for the drainage system and its construction. However, the church property located to the west of Second Avenue will not receive benefit from the project; therefore, right-of-way acquisition funds have been programmed for the church property only.

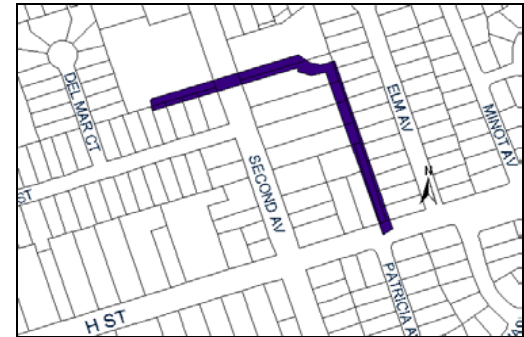
JUSTIFICATION: Inadequately-sized drainage facilities in this location have led to flooding of at least ten adjacent properties in the 400 block of Elm Avenue, resulting in substantial damage and flooding claims. Implementation of this project will correct this problem and facilitate the construction of needed upstream drainage facilities.

SCHEDULING: FY 03/04 project is dependent upon R.O.W. availability.

STATUS: Design is 90% complete. R.O.W. will be acquired by fall of 2003; construction is scheduled for FY 03/04. \$99,037.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR127	NEW CIP NO:	26591270	INITIALLY SCHEDULED:	7/1/1994
TITLE:	Drainage Improvements - Tobias Drive/Glenhaven Way Phases I-III			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Montgomery			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$29,000	\$16,500		\$0	\$0	\$12,500	\$0	\$0
2. Land Acquisition	\$10,000	\$0		\$0	\$0	\$10,000	\$0	\$0
3. Design	\$268,000	\$238,000		\$0	\$0	\$30,000	\$0	\$0
4. Construction	\$961,033	\$746,033		\$0	\$0	\$215,000	\$0	\$0
TOTALS	\$1,268,033	\$1,000,533		\$0	\$0	\$267,500	\$0	\$0

FINANCING SOURCES:								
ASSESS	\$0	\$0		\$0	\$0	\$0	\$0	\$0
CDBG	\$1,266,798	\$999,298		\$0	\$0	\$267,500	\$0	\$0
STORM FEE	\$1,235	\$1,235		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$1,268,033	\$1,000,533		\$0	\$0	\$267,500	\$0	\$0

DESCRIPTION: Phase I: Involves drainage system improvements to Tobias Drive, north of Dixon Drive to Glenhaven Way. It provides for the construction of dual 48" storm drain pipes, a reinforced concrete box and a PCC channel. Phase II: Involves the replacement of corrugated metal pipe (CMP) to double 54" storm drain pipes on Glenhaven Way, west of First Avenue and First Avenue drainage crossing, east of Glenhaven Way. It also involves constructing two curb inlets and cleanouts as part of the drainage system improvements. Phase III: Involves drainage improvements including double 48" and 42" RCPs between First Avenue and Tobias Drive, north of Dixon Drive to Glenhaven Way.

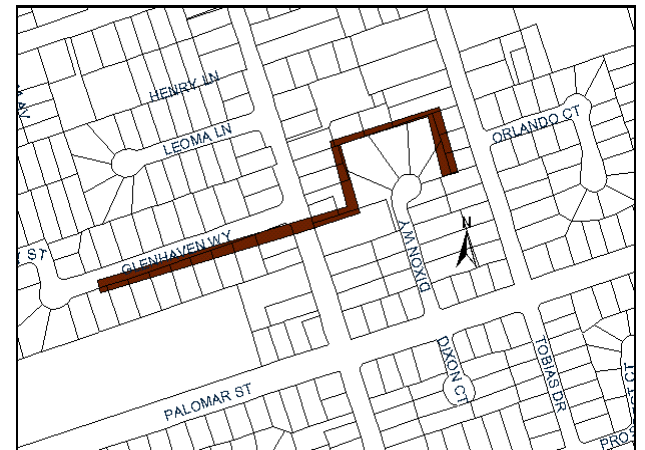
JUSTIFICATION: Phase I: The existing unimproved channel is eroding and temporary bank stabilization has been installed. Installation of the PCC channel would eliminate erosion, enhance the flow characteristics of the channel and complete the improvements for this section of the Judson Basin channel up to Tobias Drive, where a significant amount of runoff currently crosses over Tobias Drive. Phase II: The CMP is corroding and in need of replacement. Phase III: These improvements will be the third phase of improvements east of Glenhaven Way and Tobias Drive.

SCHEDULING: Design and construction for Phase II is complete. Design and construction for Phase III is scheduled for FY 05/06.

STATUS: Phase I and Phase II are complete. The design of Phase III will start in FY 05/06. Land acquisition funding is for R.O.W. agent fees only. Staff is anticipating R.O.W. acquisition to be provided by the property owners. \$825,979.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: Minimal.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR133	NEW CIP NO:	26511330	INITIALLY SCHEDULED:	7/1/1999
TITLE:	Drainage Improvements, Emerson St.			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Montgomery			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$5,000	\$5,000		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$173,500	\$0		\$173,500	\$0	\$0	\$0	\$0
3. Design	\$155,000	\$155,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$730,500	\$0		\$730,500	\$0	\$0	\$0	\$0
TOTALS	\$1,064,000	\$160,000		\$904,000	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
CDBG	\$333,500	\$160,000		\$173,500	\$0	\$0	\$0	\$0
FUTURE FIN	\$730,500	\$0		\$730,500	\$0	\$0	\$0	\$0
TOTALS:	\$1,064,000	\$160,000		\$904,000	\$0	\$0	\$0	\$0

DESCRIPTION: This project involves the installation of drainage improvements along Emerson Street from Elm Avenue to approximately 800 feet west of Third Avenue and from the existing 5' wide by 3.25' deep rectangular concrete channel west of Fourth Avenue and south of Emerson Street to an existing 42" CMP pipe south of Weisser Way. Right-of-way is required to construct the downstream portion of the project. Some of the adjacent property owners will benefit from the project's implementation, and construction will not occur unless those property owners dedicate easements for the drainage system. Those property owners that will not benefit directly from the improvements will be compensated for right-of-way, if necessary.

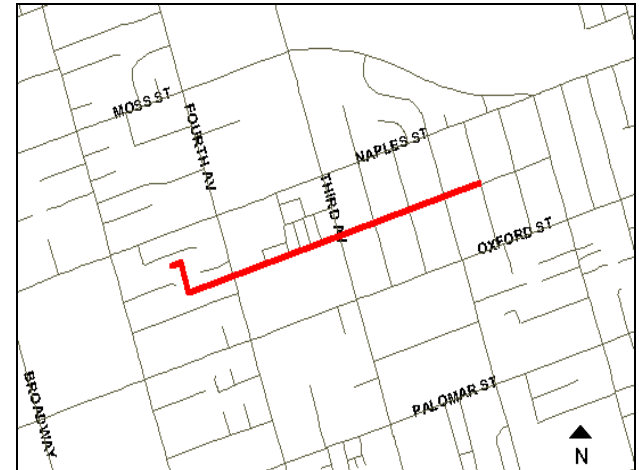
JUSTIFICATION: Inadequate drainage facilities in the vicinity of this project have led to periodic flooding along Emerson Street. Implementation of this project will correct these problems and facilitate the flow from upstream drainage facilities.

SCHEDULING: Design in FY 02/03; land acquisition and construction in FY 03/04.

STATUS: Design is on-going. \$69,119.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR134	NEW CIP NO:	26511340	INITIALLY SCHEDULED:	7/1/2000
TITLE:	Hilltop Drive Drainage Improvements, between I and Whitney St and Shasta East of First Ave.			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$0	\$0		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$50,000	\$50,000		\$0	\$0	\$0	\$0	\$0
3. Design	\$50,000	\$50,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$389,000	\$56,000		\$213,000	\$120,000	\$0	\$0	\$0
TOTALS	\$489,000	\$156,000		\$213,000	\$120,000	\$0	\$0	\$0

FINANCING SOURCES:								
GASTAX	\$56,000	\$56,000		\$0	\$0	\$0	\$0	\$0
RCT	\$333,000	\$0		\$213,000	\$120,000	\$0	\$0	\$0
STORMFEE	\$100,000	\$100,000		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$489,000	\$156,000		\$213,000	\$120,000	\$0	\$0	\$0

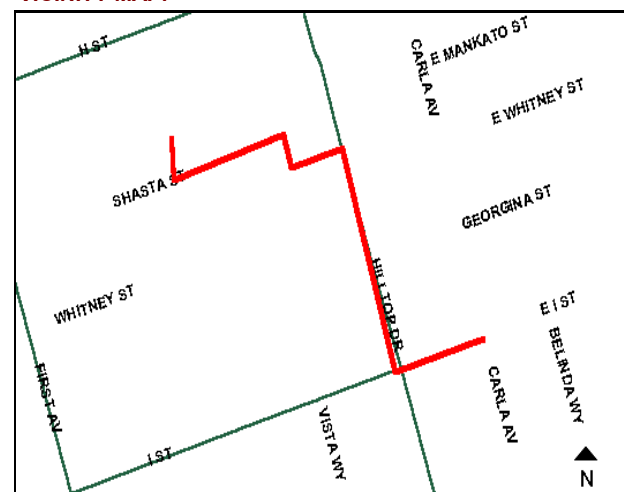
DESCRIPTION: This project involves the installation of drainage improvements from 'I' Street, east of Hilltop Drive, to an existing trapezoidal concrete-lined channel north of Shasta Street and east of First Avenue. Right-of-way is required to construct the downstream portion of this project. The adjacent property owners will benefit from the project. Construction will not occur unless property owners dedicate easements for the drainage system.

JUSTIFICATION: Inadequate drainage facilities in the vicinity of this project have led to periodic flooding of several houses and properties along Hilltop Drive and Shasta Street, resulting in substantial damage and flooding claims over the past several years. Implementation of this project will correct these problems.

SCHEDULING: Design is completed. Construction may not occur until FY 04/05 pending the progress of DR120.

STATUS: DR120 must be completed before this project can be constructed. \$56,000.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None

VICINITY MAP:

CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR154	NEW CIP NO	26521540	INITIALLY SCHEDULED:	7/1/2000
TITLE:	Drainage Master Facilities Plan			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Citywide			PROJECT MANAGER:	Jeff Moneda

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$0	\$0		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$0	\$0		\$0	\$0	\$0	\$0	\$0
4. Construction	\$0	\$0		\$0	\$0	\$0	\$0	\$0
5. master plan	\$360,000	\$360,000		\$0	\$0	\$0	\$0	\$0
TOTALS	\$360,000	\$360,000		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
GENFUND	\$210,000	\$210,000		\$0	\$0	\$0	\$0	\$0
STORMFEE	\$150,000	\$150,000		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$360,000	\$360,000		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: A consultant will be hired to develop a master facilities plan to identify the City's needs for future capital improvements in the City's drainage system.

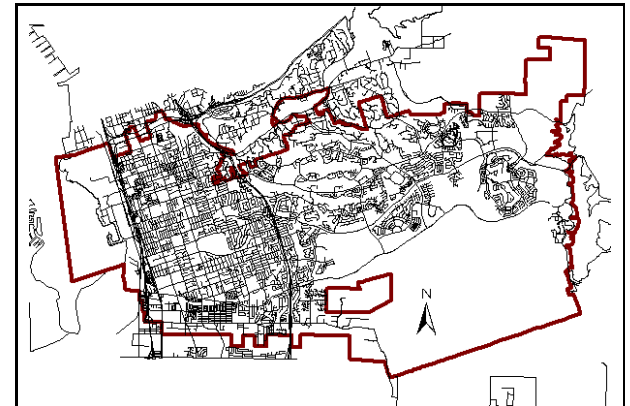
JUSTIFICATION: It is necessary in conjunction with General Plan update to identify future needs as the City grows.

SCHEDULING: Consultant has been hired. The study will be completed in FY 03/04.

STATUS: \$76,427.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR156	NEW CIP NO:	26531560	INITIALLY SCHEDULED:	7/1/2001
TITLE:	FY 02/03 CDBG CMP Rehabilitation/Removal Program			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Citywide			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$6,000	\$6,000		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$34,800	\$34,800		\$0	\$0	\$0	\$0	\$0
4. Construction	\$191,335	\$191,335		\$0	\$0	\$0	\$0	\$0
TOTALS	\$232,135	\$232,135		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
CDBG	\$232,135	\$232,135		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$232,135	\$232,135		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: This project involves the removal or relining of corrugated metal storm drain pipes (CMP) that are in need of repair and would also include future drainage projects. If the removal of the CMP is necessary, it will be replaced with new reinforced concrete pipe (RCP). The existing CMP lines have been corroding and collapsing.

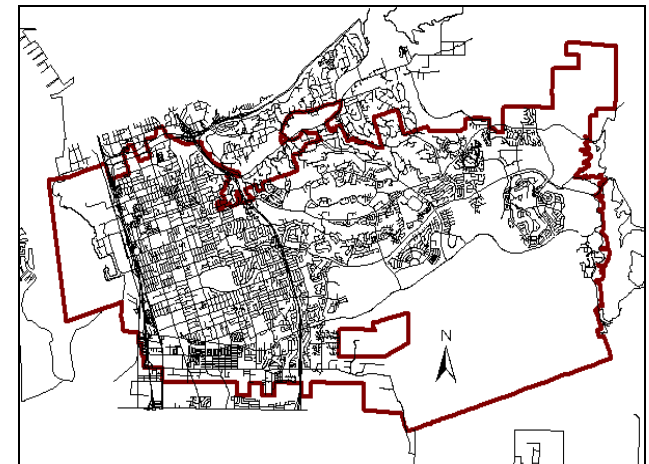
JUSTIFICATION: Public Works Operations has identified the existing CMPs and prioritized them according to pipes that are badly in need of replacement. This program is a preventive measure and less costly to implement than reacting to CMP collapses, where there is potential damage costs and flooding problems.

SCHEDULING: Design and construction are scheduled in FY 03/04.

STATUS: \$14,659 has been expended on this project through June 30, 2003.

BUDGET EFFECT: Minimal.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR160	NEW CIP NO	26541600	INITIALLY SCHEDULED:	7/1/2003
TITLE:	F Street Drainage Facilities			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Western City			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$10,000	\$0		\$10,000	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$20,000	\$0		\$20,000	\$0	\$0	\$0	\$0
4. Construction	\$115,000	\$0		\$0	\$115,000	\$0	\$0	\$0
5. project management	\$22,000	\$0		\$0	\$22,000	\$0	\$0	\$0
6. contingencies	\$23,000	\$0		\$0	\$23,000	\$0	\$0	\$0
TOTALS	\$190,000	\$0		\$30,000	\$160,000	\$0	\$0	\$0

FINANCING SOURCES:								
RCT	\$190,000	\$0		\$30,000	\$160,000	\$0	\$0	\$0
TOTALS:	\$190,000	\$0		\$30,000	\$160,000	\$0	\$0	\$0

DESCRIPTION: Over the years several small midsized corrugated metal pipes (CMP) have been installed in this area. Several of the pipes have deteriorated and are starting to fail. Due to the number of pipes in the area simply replacing or lining the pipes is not the appropriate solution.

The entire drainage area needs to be evaluated and the drainage system redesigned. Once the City learns the capacity needs of the drainage system, the pipes can then start to be replaced.

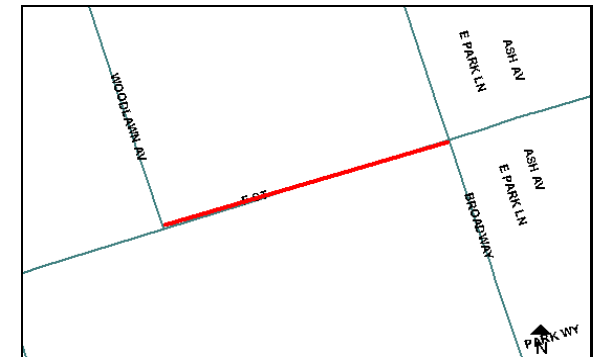
JUSTIFICATION: Failure of any of the pipes could cause damage to public and/or private properties.

SCHEDULING: See status

STATUS: Planning/Design in FY 03/04. Construction in FY 04/05

BUDGET EFFECT: Minimal upon completion

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR161	NEW CIP NO:	26541610	INITIALLY SCHEDULED:	7/1/2003
TITLE:	FY 03/04 CDBG CMP Rehabilitation/Replacement Program			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Citywide	PROJECT MANAGER:			Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$9,750	\$0		\$9,750	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$48,750	\$0		\$48,750	\$0	\$0	\$0	\$0
4. Construction	\$266,500	\$0		\$266,500	\$0	\$0	\$0	\$0
TOTALS	\$325,000	\$0		\$325,000	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
CDBG	\$325,000	\$0		\$325,000	\$0	\$0	\$0	\$0
TOTALS:	\$325,000	\$0		\$325,000	\$0	\$0	\$0	\$0

DESCRIPTION: This project involves the removal or relining of corrugated metal storm drain pipes (CMP) that are in need of repair and would also include future drainage projects. If the removal of the CMP is necessary, it will be replaced with new reinforced concrete pipe (RCP). The existing CMP lines have been corroding and collapsing.

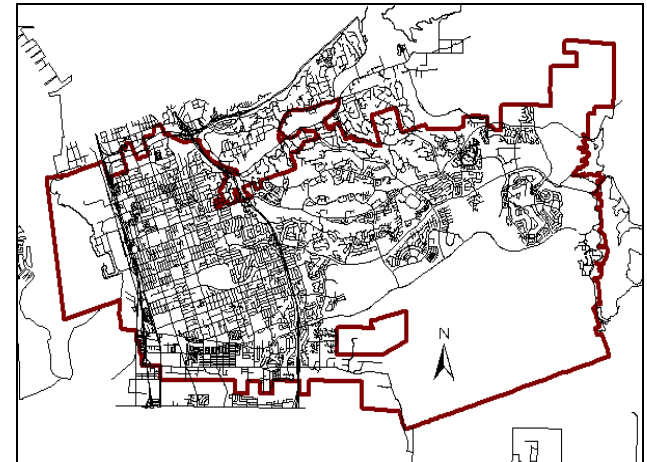
JUSTIFICATION: Public Works Operations has identified the existing CMPs and prioritized them according to pipes that are badly in need of replacement. This program is a preventive measure and less costly to implement than reacting to CMP collapses, where there is potential damage costs and flooding problems.

SCHEDULING: Design and construction to occur in FY03/04.

STATUS:

BUDGET EFFECT: Minimal.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR162	NEW CIP NO:	26542161	INITIALLY SCHEDULED:	7/1/2003
TITLE:	Miscellaneous Drainage Projects			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Western City			PROJECT MANAGER:	Frank Rivera

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$0	\$0		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$0	\$0		\$0	\$0	\$0	\$0	\$0
4. Construction	\$619,500	\$0		\$619,500	\$0	\$0	\$0	\$0
TOTALS	\$619,500	\$0		\$619,500	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
FUTURE FIN	\$619,500	\$0		\$619,500	\$0	\$0	\$0	\$0
TOTALS:	\$619,500	\$0		\$619,500	\$0	\$0	\$0	\$0

DESCRIPTION: Pending the outcome of the use of funds from the Western Chula Vista Infrastructure Financing program, the funds contemplated here would be utilized on existing drainage projects which are already funded from other City sources.

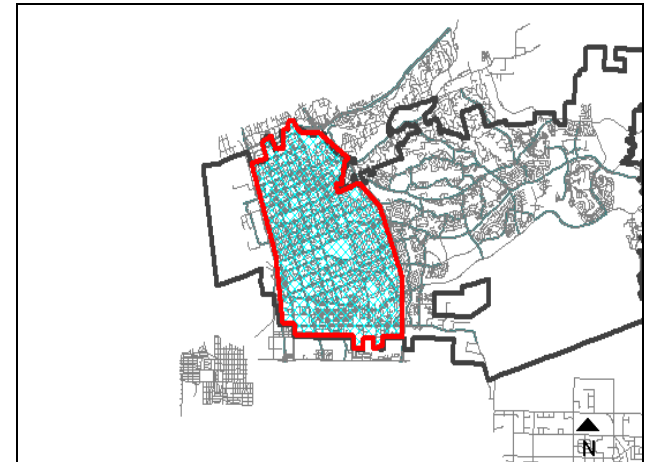
JUSTIFICATION:

SCHEDULING: The use of funds in this project will probably occur in FY 03/04 and FY 04/05 as the full extent of the financing program is developed.

STATUS:

BUDGET EFFECT: Minimal

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR905	NEW CIP NO:	26539050	INITIALLY SCHEDULED:	7/1/1996
TITLE:	North Broadway Reconstruction			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$8,435	\$8,435		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$0	\$0		\$0	\$0	\$0	\$0	\$0
4. Construction	\$0	\$0		\$0	\$0	\$0	\$0	\$0
TOTALS	\$8,435	\$8,435		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
RCT	\$8,435	\$8,435		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$8,435	\$8,435		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: Construct approximately 2,300 linear feet of drainage culverts of various sizes (36" diameter to 48" diameter), six curb inlets, four drainage cleanouts and other miscellaneous structures in the Broadway Basin from Sweetwater River to 'D' Street and 'D' Street from Broadway to Smith Avenue.

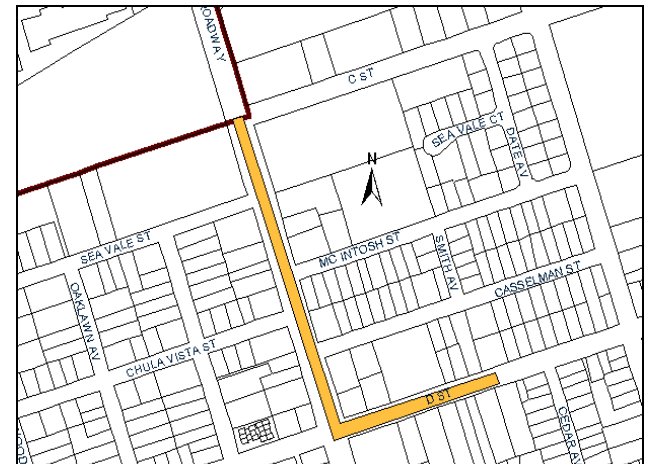
JUSTIFICATION: This project is shown as a Stage I priority in the 'Fogg' report. Broadway is one of the City's busiest thoroughfares. During rainy season, water frequently tops the easterly curb and causes flooding of the Broadway 'D' Street intersection. Construction of this project will allow surface waters to be carried to the Sweetwater River and eliminate the flooding on the east side of Broadway.

SCHEDULING: Design in FY 03/04 and construction in FY 04/05.

STATUS: Project has been combined with STM354 North Broadway Reconstruction. \$150,000.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR909	NEW CIP NO:	26549090	INITIALLY SCHEDULED:	7/1/1994
TITLE:	Judson Basin Drainage, Hilltop Drive to Tobias Drive			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Central Chula Vista			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$5,000	\$0		\$5,000	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$145,000	\$0		\$145,000	\$0	\$0	\$0	\$0
4. Construction	\$425,000	\$0		\$0	\$425,000	\$0	\$0	\$0
TOTALS	\$575,000	\$0		\$150,000	\$425,000	\$0	\$0	\$0

FINANCING SOURCES:								
CDBG	\$575,000	\$0		\$150,000	\$425,000	\$0	\$0	\$0
TOTALS:	\$575,000	\$0		\$150,000	\$425,000	\$0	\$0	\$0

DESCRIPTION: Installation of ultimate drainage improvements in the Judson Basin Channel from 150 ft. east of Hilltop Drive to Naples Street and Tobias Drive.

JUSTIFICATION: The existing structure provides one-half of the necessary ultimate capacity. Flooding of both Hilltop Drive and Naples Street and adjacent properties now occurs, which result in traffic hazards and property damage.

SCHEDULING: Design is scheduled in FY03/04. Construction is scheduled in FY 04/05.

STATUS:

BUDGET EFFECT: None.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR931	NEW CIP NO:	26519310	INITIALLY SCHEDULED:	7/1/1995
TITLE:	Drainage Improvements in Oxford Street, First to Second Avenue			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Montgomery Area			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$0	\$0		\$0	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$55,000	\$55,000		\$0	\$0	\$0	\$0	\$0
4. Construction	\$175,000	\$175,000		\$0	\$0	\$0	\$0	\$0
TOTALS	\$230,000	\$230,000		\$0	\$0	\$0	\$0	\$0

FINANCING SOURCES:								
CDBG	\$230,000	\$230,000		\$0	\$0	\$0	\$0	\$0
TOTALS:	\$230,000	\$230,000		\$0	\$0	\$0	\$0	\$0

DESCRIPTION: Construct drainage improvements between First Avenue and Second Avenue connecting to an existing catch basin east of Second Avenue. Improvements include 1,340 feet of 18-inch RCP, catch basins, cleanouts, A.C. berm and street improvements on north side of Oxford Street. This project must be completed prior to STL-225.

JUSTIFICATION: There are no existing drainage facilities in this area of Oxford Street. Houses below the street pavement along Oxford Street are subject to flooding during moderate and heavy rainfalls. Construction of these improvements will help eliminate this problem.

SCHEDULING: Design is complete. Construction is scheduled in FY 03/04.

STATUS: Preliminary design is complete. \$42,188.00 has been expended on this project through June 30, 2003.

BUDGET EFFECT: None.

VICINITY MAP:



CITY OF CHULA VISTA
CAPITAL IMPROVEMENTS PROGRAM DETAIL

CIP NO:	DR999	NEW CIP NO:	26549990	INITIALLY SCHEDULED:	7/1/2003
TITLE:	CMP Rehabilitation/Replacement Program			DEPARTMENT:	Engineering
COMMUNITY PLAN AREA:	Citywide			PROJECT MANAGER:	Jim Holmes

COST ESTIMATES:	PROJECT TOTAL	TOTAL APPROPRIATIONS THRU 2002-03		FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08
1. Planning / Env. Review	\$90,000	\$0		\$90,000	\$0	\$0	\$0	\$0
2. Land Acquisition	\$0	\$0		\$0	\$0	\$0	\$0	\$0
3. Design	\$240,000	\$0		\$240,000	\$0	\$0	\$0	\$0
4. Construction	\$3,570,000	\$0		\$2,670,000	\$0	\$300,000	\$300,000	\$300,000
TOTALS	\$3,900,000	\$0		\$3,000,000	\$0	\$300,000	\$300,000	\$300,000

FINANCING SOURCES:								
CDBG	\$600,000	\$0		\$0	\$0	\$200,000	\$200,000	\$200,000
FUTURE FIN	\$3,000,000	\$0		\$3,000,000	\$0	\$0	\$0	\$0
RCT	\$300,000	\$0		\$0	\$0	\$100,000	\$100,000	\$100,000
TOTALS:	\$3,900,000	\$0		\$3,000,000	\$0	\$300,000	\$300,000	\$300,000

DESCRIPTION: This project involves the removal or relining of corrugated metal storm drain pipes (CMP) that are in need of repair and would also include future drainage projects. If the removal of the CMP is necessary, it will be replaced with new reinforced concrete pipe (RCP). The existing CMP lines have been corroding and collapsing.

JUSTIFICATION: Public Works Operations has identified the existing CMPs and prioritized them according to pipes that are badly in need of replacement. This program is a preventive measure and less costly to implement than reacting to CMP collapses, where there is potential damage costs and flooding problems. Federal funding from the Traffic Congestion Relief Fund (AB 2928) will be used to rehabilitate the existing CMPs that are outside of CDBG-eligible areas, in a separate CIP.

SCHEDULING: Design is scheduled to be complete summer of 2003; construction should take approximately 18 months. The project will likely be broken into phases for bidding purposes.

STATUS:

BUDGET EFFECT: Minimal

VICINITY MAP:

